RR19

Refrigerator
user manual

imagine the possibilities

Thank you for purchasing this Samsung product.

SAMSUNG

Free Standing Appliance

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Safety information

SAFETY INFORMATION

- Before operating the appliance, please read this manual thoroughly and retain it at a safe place near the appliance for your future reference.
- Use this appliance only for its intended purpose as described in this instruction manual.
  This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your appliance.
- Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this

manual and not all warning signs may be applicable. If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.

Important safety symbols and precautions:

WARNING	Hazards or unsafe practices that may result in **severe personal injury or death.**
CAUTION	Hazards or unsafe practices that may result in **minor personal injury or property damage.**

	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions carefully.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the contact center for help.
	Note.

These warning signs are here to prevent injury to you and others.
Please follow them carefully. After reading this section, keep it in a safe place for future reference.

WARNING SEVERE WARNING SIGNS FOR INSTALLATION

- Do not plug several appliances into the same multiple power board. The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matched the rating plate.
  - This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- If the wall socket is loose, do not insert the power plug.
  - There is a risk of electric shock or fire.

- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not bend the power cord excessively or place heavy articles on it.
- Do not use aerosols near the refrigerator.

- Aerosols used near the refrigerator may cause an explosion or fire.

- Connect the power plug in proper position with the cord hanging down.

- If you connect the power plug upside down, wire can get cut off and a cause fire or an electric shock.

- Make sure that the power plug is not squashed or damaged by the back of the refrigerator.
- When moving the refrigerator, be careful not to roll over or damage the power cord.

- This constitutes a fire hazard.

- The appliance must be positioned so that the plug is accessible after installation.

- The refrigerator must be grounded.

- You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.
- Never use gas pipes, telephone lines or other potential lightening rods as ground.

- Improper use of the ground plug can result in an electric shock.

- If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.

WARNING SEVERE WARNING SIGNS FOR USING

- Do not insert the power plug with wet hands.
- Do not store articles on the top of the appliance.

- When you open or close the door, the articles may fall and cause a personal injury and/ or material damage.

- Do not put items filled with water on the refrigerator.

- If spilled, there is a risk of fire or electric shock.

- Do not let children hang on the door.

- Failure to do so may cause serious personal injury.

• Do not leave the doors of the refrigerator open while the refrigerator is unattended and do not let children enter inside the refrigerator.

- There is a risk of children entrapment and serious personal injury because of low temperature.

• Do not store volatile or flammable substances such as benzene, thinner, alcohol, ether or LP gas in the refrigerator.

- The storage of any of such products may cause explosions.

• Do not store low temperature-sensitive pharmaceutical products, scientific materials or other low temperature-sensitive products in the refrigerator.

- Products that require strict temperature controls must not be stored in the refrigerator.

• Do not place or use electrical appliance inside the refrigerator, unless they are of a type recommended by the manufacturer.

• Do not use a hair dryer to dry the inside of the refrigerator. Do not place a lighted candle in the refrigerator for removing bad odors.

- This may result in an electric shock or fire.

• Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.

- This may cause frostbite.

• Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.

• This product is intended only for the storage of food in a domestic environment.

• Bottles should be stored tightly together so that they do not fall out.

• Do not disassemble or repair the refrigerator by yourself.

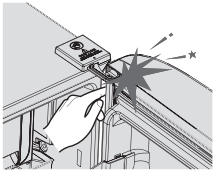
- You run a risk of causing a fire, malfunction and/ or personal injury.
  In case of malfunction, please contact your service agent.

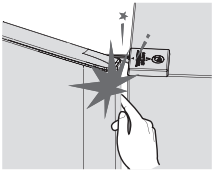
- If the appliance generates a strange noise, a burning or smell or smoke, unplug the power plug immediately and contact your nearest service center.
- Failing to do so may result in electric or fire hazards. Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- If any dust or water is in the refrigerator, pull out power plug and contact your Samsung Electronics service center.
- There is a risk of fire.
- Contains fluorinated greenhouse gases covered by the Kyoto Protocol.
- Hermetically sealed system.
- Do not vent gases into the atmosphere.
- Refrigerant type : R-134a
- Quantity: 0.07 kg
- Global Warming Potential (GWP) = 1300

CAUTION SIGNS FOR USING

- Unplug the power plug during a thunder/lightning storm.
- Do not place carbonated or fizzy drinks in the freezer compartment. Do not put bottles or glass containers in the freezer.
- When the contents in the glass containers or bottle freeze, the glass may break cause personal injury & property damage.
- Do not change the functionality or modify the Refrigerator.
- Changes or modifications may result in a personal injury and/or property damage. Any changes or modifications performed by a 3rd party on this completed appliance are neither covered under Samsung warranty service, nor is Samsung responsible for safety issues and damages that result from 3rd party modifications.
- Please observe maximum storage times and expiry dates of frozen goods.
- Fill water tank, water cubes only with potable water.
- Contains fluorinated greenhouse gases covered

by the kyoto protocol.
- Hermetically sealed system.
- Do not vent gases into the atmosphere.
- Be careful that your fingers are not caught in.





CAUTION SIGNS FOR CLEANING AND MAINTENANCE

- Do not directly spray water inside or outside the refrigerator.

- There is a risk of fire or electric shock.

- Do not spray inflammable gas near the refrigerator.

- There is a risk of explosion or fire.

- Do not spray cleaning products directly on the display.

- Printed letters on the display may come off.

- Remove any foreign matter or dust from the power plug pins. But do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power plug pins.

- Otherwise there is a risk of fire or electric shock.

- Unplug the refrigerator before cleaning and performing maintenance.

SEVERE WARNING SIGNS FOR DISPOSAL

- Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.

- When disposing of this product or other refrigerators, remove the door/door seals, door latch so that small children or animals cannot become trapped inside. Leave the shelves in place so that children may not easily climb inside. Children should be supervised to ensure that they do not play with the old appliance.

- Please dispose of the

packaging material for this product in an environmentally friendly manner.

ADDITIONAL TIPS FOR PROPER USAGE

- In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.
- Most power failures that are corrected within an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off.
- Should the power failure last more than 24 hours, remove all frozen food.
- If keys are provided with the refrigerator, the keys should be kept out of the reach of children and not be in the vicinity of the appliance.
- The appliance might not operate consistently (possibility of temperature becoming too warm in the refrigerator) when sited for an extended period of time below the cold end of the range of temperature for which the refrigerating appliance is designed.
- Do not store food which spoils easily at low temperature, such as bananas, melons.
- Temperature rise during defrosting can comply with ISO requirements.
  But if you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food up in several layers of newspaper.
- Any increase in temperature of frozen food during defrosting can shorten its storage life.

This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

Setting up your refrigerator

GETTING READY TO INSTALL THE REFRIGERATOR

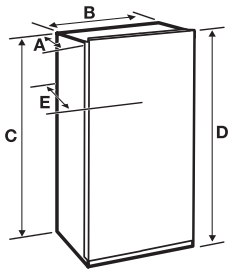
Congratulations on your purchase of the Samsung refrigerator.
We hope you enjoy the state-of-art features and efficiencies that this new appliance offers.

WARNING

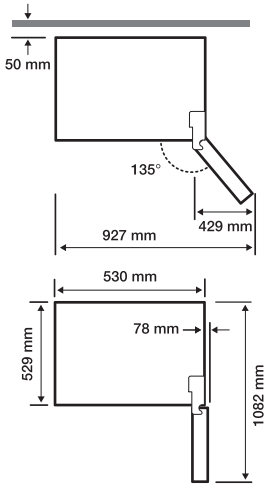
- This refrigerator must be properly installed and located in accordance with the manual before it is used.
- Use this appliance only for its intended purpose as described in this instruction manual.
- We strongly recommend that any servicing be performed by a qualified individual.
- Please dispose of the packaging material for this product in an environmentally friendly manner.
- Pull the power plug out of the socket before changing the interior light of the refrigerator.
- Otherwise, there is a risk of electric shock.

Selecting the best location for the Refrigerator

- Select a location without direct exposure to sunlight.
- Select a location with level (or nearly level) flooring.
- Select a location with enough space for the refrigerator doors to open easily.
- Allow sufficient space to install the refrigerator on a flat surface.
- If your refrigerator is not level, the internal cooling system may not work correctly.
- Overall space required in use.
  Refer to drawing and dimension as below.



Model	RR19H13,4,5,6,7,8****	RR19H10,1,2****
	RR21H13,4,5,6,7,8****	RR21H10,1,2****
Depth "A"	529 mm	529 mm
Width "B"	532 mm	532 mm
Height "C"	1142 mm	1142 mm
Overall Height "D"	1192 mm	1192 mm
Depth "E"	649 mm	619 mm



- Do not install the refrigerator where the temperature will go below 10 °C.
- Please ensure that appliance can be moved freely in the event of maintenance & service.

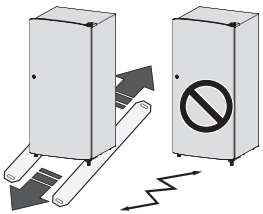
CAUTION When installing, servicing, or cleaning behind the refrigerator, be sure to pull the unit straight out and push back in straight after finishing.
Also, make sure your floor supports the full-load refrigerator.
Otherwise, it may cause floor damage.

CAUTION Please tie up the extra length of the power cord at the back of the refrigerator so as not to be touched on the floor preventing the power cord from being crushed by the rollers upon relocation.

FLOORING

For proper installation, this refrigerator must be placed on a level surface of hard material that has the same height as the rest of the flooring.
This surface should be strong enough to support a fully loaded refrigerator.
To protect the floor finish, cut a large section of the cardboard carton and place it under the refrigerator where you are working.

Pulling or pushing the refrigerator may damage the floor.
Moving the refrigerator after installation may damage the floor.

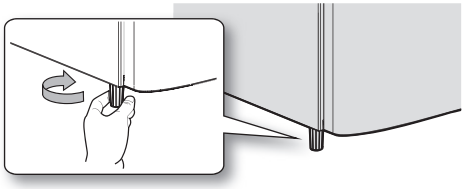


LEVELLING THE REFRIGERATOR

To avoid a hazard due to instability of the refrigerator, please place the refrigerator on a horizontal support and levelled in accordance with the following instruction for installation.

Failing to do so may result in the refrigerator tipping and a personal injury.

If the front of the appliance is slightly higher than the rear, the door can be opened and closed more easily.



Case 1) The appliance tilts down to the left.

- Turn the left adjusting leg in the direction of the arrow until the appliance is level.

Case 2) The appliance tilts down to the right.

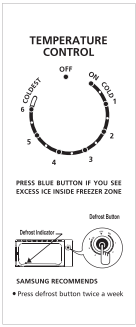
- Turn the right adjusting leg in the direction of the arrow until the appliance is level.

Operating your samsung refrigerator

ADJUSTING THE TEMPERATURE CONTROL

DIAL At “Normal” POINT (3~4 No.)

- To maintain optimum temperature for food storage, set the control dial at the “Normal” Position.



DIAL At “COLDEST” POINT (5~6 No.)

- When setting the control dial at the “COLDEST” Position, the Refrigerator be comes coldest.
- When largequantities of food is stored, For quickice making set the control dial at the “COLDEST” Position.

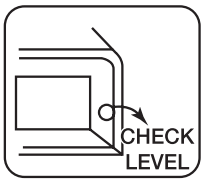
DIAL At “COLD” POINT (1~2 No.)

- When setting the control dial at the “COLD” Position, the Refrigerator becomes warmer.
- When small quantities of food is stored.

- If the temperature where the Refrigerator is placed is lower than 5 °C, set the temperature control to COLD. Because the temperature of the Refrigerator is affected by the temperature around the Refrigerator and it will be lower than the set value.
- Apart from knob settings mentioned above, if you desire to increase or reduce the cooling, turn the knob clockwise or anticlockwise to the degrees you want.

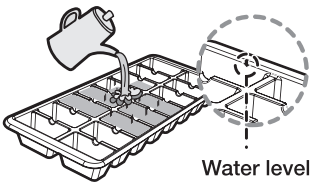
HOW TO DEFROST

1. Check the layer thickness of the frost/ ice formed on the walls of the ice making compartment.
   If more frost is formed, please defrost.
2. Push the “DEFROST” button to defrost.
   Frost on the surface of the evaporator will begin to melt and can be easily removed.
   After defrosting is finished, the refrigerator will start automatically.
3. In order to remove ice from the ice making compartment, do not use a keen tool, knife or screw driver.



MAKING ICE

1. Fill the tray up to 80 % with water level.
2. Place the ice tray in the top freezer drawer.
3. Wait until the ice cubes are formed.
4. Twist the ice tray slightly to take out the ice cubes.

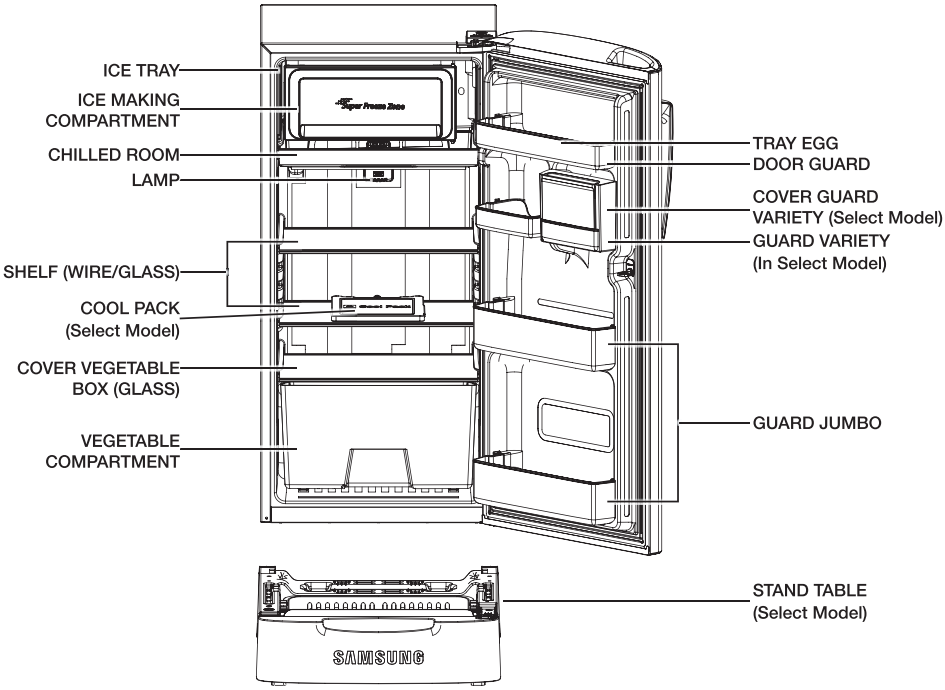


Freezing time

It is recommended that you wait about 1~2 hours after setting “COLDEST” of temperature control for the ice cubes to form.

CAUTION Danger of explosion

- The coldest part of the Refrigerator is the super freezer zone.
  This is the best place to store delicate foodstuffs.
- Glass bottles containing liquids should never be stored in the freezer as the glass can shatter when the contents freeze.



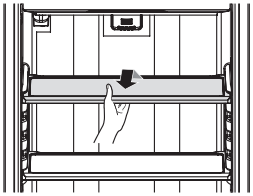
Some parts in the picture may differ from your refrigerator, depending of the model and option.

WARNING
- If you plan to go away for a significant time, empty the refrigerator and turn it off. Wipe the excess moisture from the inside of the appliance and leave the doors open.
  This helps keep odour and mold from developing.
- If the refrigerator is not to be used for a long period of time, pull out the power plug.

REMOVING THE INTERIOR PARTS

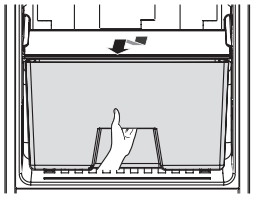
Refrigerator Shelf

Pull the shelf forward until it meets the stopper.
Tilt the front of the shelf up and pull it out.



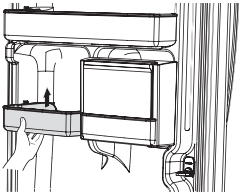
Vegetable Box

Pull the moisturizing veg box forward and take it out of the Refrigerator.
Lift the cover up and pull it out of the Refrigerator.



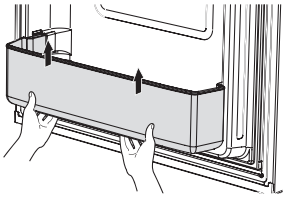
Guard Variety

Lift the Guard Variety up and side it out (This utility guard is adjustable and may be positioned to best fit your needs.)



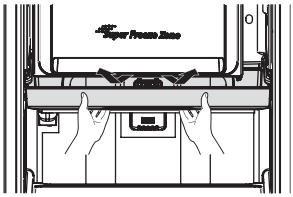
Guard Jumbo

Lift the guard up and slide it out (This Guard Jumbo is not adjustable;it fits in only one position.)



Chiller compartment

Pull the chiller compartment towards you until it meets the stopper.
Tilt the front upward and pull the compartment out.

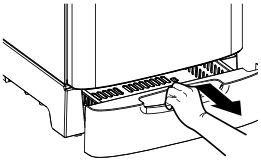


REMOVING THE EXTERIOR PARTS

Tray stand (Select Model)

Pull the Tray out.

To be used for Dry vegetable only like potato, onion etc.

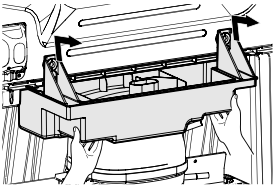


CLEANING THE REFRIGERATOR

⚠ WARNING Do not use Benzene, Thinner or Clorox™ for cleaning.
They may damage the surface of the appliance and can create a risk of fire.

⚠ CAUTION Do not spray the refrigerator with water while it is plugged in, as it may cause an electric shock.
Do not clean the refrigerator with benzene, thinner or car detergent for risk of fire.

Tray Drain Water



If you see excess water/smell/wateroverflow in drain tray.

1. Lift up Tray-Drain Water to end of slot on both sides.
2. Pull Tray-Drain Water from Grommet-Tray Drain.
3. Drain the water and clean thorughly
4. Refix the tray drain water to end of slot on both sides.

⚠ CAUTION We strongly recommend that disassemble the Tray drain water be performed by a qualified individual.
Make sure the Tray Drain Water is reassembled after finishing.
Otherwise, it may cause electric shock or floor damage.

REPLACING THE INTERIOR LIGHT

⚠ CAUTION Always unplug the appliance when replacing the refrigerator light. Otherwise, there is the danger of electric shock.

Disassemble the lamp cover.

Turn the interior to pull it out and replace it with a new.

Reassemble the lamp cover.

Troubleshooting

PROBLEM	SOLUTION
The appliance is not operating at all or the temperature is too high or low.	**Check the Refrigerator for the following:** • Check if the power plug is correctly connected. • Check if the power fuse is blown. • Is the temperature control or control panel correctly set? • Does sun shine on the appliance or are there any heat sources nearby? • Is the back of the appliance too close to the wall? • Do not store the hot food till it comes to room temperature. • Did you leave the Refrigerator or freezer door open for a long time? **If a problem occurs, contact your service agents.**
The food in the Refrigerator is frozen.	• Is the temperature control or control panel set to the coldest temperature? • Is the surrounding temperature too low?
There are unusual noises.	• Check if the appliance is installed on a stable and even floor. • Is the back of the appliance too close to the wall? • Have any foreign objects fallen behind or under the appliance? • Is the noise coming from the compressor in the appliance? • A ticking sound occurs when the various accessories contract or expand.
The front corners and sides of the appliance are warm and condensation starts to form.	• Heat-proof pipes are installed in the front corners of the appliance to prevent condensation from forming. When the surrounding temperature rises, this may not always be effective. However, this is not abnormal. • In very humid weather, condensation may form on the outer surface of the appliance when the moisture in the air comes into contact with the cool surface of the appliance.
You can hear a liquid bubbling in the appliance.	• This is the refrigerant, which cools the inside of the appliance.
There is a bad smell inside the appliance.	• Is there any spoiled food inside of the Refrigerator? • Make sure that strong smelling food (for example, fish) is wrapped so that it is airtight. • Clean out your Refrigerator periodically and throw away any spoiled or suspect food.
There is a layer of frost on the appliances walls.	• Are the air outlet vents blocked by food stored inside the Refrigerator? • Space the food out as much as possible to improve ventilation. • Is the door fully closed?
Condensation forms on the inside wall of the appliance and around vegetables.	• Food with a high water content is stored uncovered with a high humidity level or the door has been left open for a long time. • Store the food with a cover or in sealed containers.

Ambient Room Temperature Limits

This refrigerator is designed to operate in ambient temperatures specified by its temperature class marked on the rating plate.

Class	Symbol	Ambient Temperature range (°C)	
		IEC 62552 (ISO 15502)	ISO 8561
Extended Temperate	SN	+10 to +32	+10 to +32
Temperate	N	+16 to +32	+16 to +32
Subtropical	ST	+16 to +38	+18 to +38
Tropical	T	+16 to +43	+18 to +43

Internal temperatures may be affected by such factors as the location of the fridge/freezer, ambient temperature and the frequency with which you open the door.
Adjust the temperature as required to compensate for these factors.

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

English

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

COUNTRY	CALL	Web site
AUSTRIA	0800 - SAMSUNG (0800 - 7267864)	www.samsung.com/at/support
COLOMBIA	Bogotá 600 12 72 Gratis desde cualquier parte del país 01 8000 112 112 ó desde su celular #SAM(726)	www.samsung.com/co/support
EIRE	0818 717100	www.samsung.com/ie/support
HONG KONG	(852) 3698-4698	www.samsung.com/hk/support (Chinese) www.samsung.com/hk_en/support (English)
INDIA	1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free 30308282 - Non Toll Free	www.samsung.com/in/support
MALAYSIA	1800-88-9999	www.samsung.com/my/support
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com/nz/support
PANAMA	800-7267 800-0101	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
PHILIPPINES	1-800-10-7267864 [PLDT] 1-800-8-7267864 [Globe landline and Mobile] 02-4222111 [Other landline]	www.samsung.com/ph/support
SINGAPORE	1800-SAMSUNG(726-7864)	www.samsung.com/sg/support
SOUTH AFRICA	0860-SAMSUNG (726-7864)	www.samsung.com/support
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